| Index o | f Claims |
|---------|----------|
|         |          |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/683,740      | LING ET AL.  |  |
| Examiner        | Art Unit     |  |
| Ryan Lepisto    | 2883         |  |

| <b>√</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| 1 | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|             |  |                |          |          |          |          |              |          |          |                | ł     |
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| Cla         | im   | _              | _        | _        | [        | Date     | _            |          |          | $\blacksquare$ |       |
|             | ō  | 4              |          |          |          |          |              |          |          |                |       |
| Final       | Original   | 9/27/04        |          |          |          |          |              |          |          |                |       |
| IL.         | 5  | 9/2            |          |          |          |          |              |          |          |                |       |
|             |  | 1              |          |          |          |          |              | _        |          |                | , :   |
|             | 1<br>2<br>3<br>4<br>5<br>6                                     | ٧              |          |          | _        |          |              |          |          |                |       |
|             | 2  | 1              |          | _        | _        | _        | _            |          | <u> </u> | -              | 7     |
| <del></del> | 3  | ₩              |          |          |          |          |              |          |          |                |       |
|             | 4  | H              | _        | _        | <u> </u> |          | _            | -        | _        |                | ٧,    |
| -           | 2  | 1              | _        | _        |          |          | _            |          |          |                |       |
|             | 7  | #              | _        | _        | -        |          |              | -        | _        | _              |       |
| -           | 8  | #-             | -        |          | H        |          |              | H        |          |                | i e   |
|             | 9  | ╫              |          | _        | H        |          |              |          | _        |                |       |
| -           | 10   | ╫              |          | _        | $\vdash$ |          |              | $\vdash$ | H        |                | 9.    |
|             | 11   | ╫╴             | _        |          |          | _        | -            | -        |          |                | 3     |
| <b> </b>    | 12   | Н              |          | $\vdash$ | $\vdash$ | _        | Н            | $\vdash$ |          | _              | T     |
|             | 13   | Н              |          | -        | H        | _        |              | H        | -        |                | F.    |
|             | 14   | Н              |          |          | $\vdash$ | _        |              | H        | -        |                | 4 .   |
| $\vdash$    | 15   | +              |          | _        | -        | _        |              | -        |          |                | j. :  |
|             | 16   | Н              | _        | _        |          |          | $\vdash$     | $\vdash$ | $\vdash$ |                | 5     |
|             | 17   | H              |          | _        | ┝        | _        | -            | -        | $\vdash$ |                |       |
| <b></b>     | 18   | H              | _        |          |          |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$       |       |
| -           | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | ╁              |          |          |          |          | $\vdash$     |          | $\vdash$ |                |       |
| _           | 20   | H              | _        | _        | -        |          |              |          |          |                | ijā.  |
| -           | 21   | H              |          |          |          |          | H            |          | -        |                | 1     |
|             | 22   | H              |          |          |          |          |              |          |          |                | 1.    |
| -           | 23   | ${\sf H}$      | $\vdash$ | $\vdash$ |          |          | $\vdash$     |          |          |                | ď,    |
| <u> </u>    | 24   | H              | ┢        | -        |          |          | $\vdash$     |          |          | -              | 7     |
|             | 23<br>24<br>25   | Ħ              | $\vdash$ | $\vdash$ |          |          | -            | -        |          |                | j.    |
|             | 26   | H              | $\vdash$ | Н        |          |          |              |          |          |                |       |
|             | 26<br>27<br>28<br>29   | П              | Г        |          |          |          |              |          |          |                |       |
|             | 28   | $\Box$         |          |          |          |          |              |          |          |                | ٠.    |
|             | 29   | П              | Г        | Г        |          |          |              |          |          |                |       |
|             | 30   | П              |          |          |          |          |              |          |          |                |       |
|             | 31   | П              |          |          |          |          |              |          |          |                |       |
|             | 32   | 4              |          |          |          |          |              |          |          |                |       |
|             | 31<br>32<br>33   |                |          |          |          |          |              |          |          |                | 1     |
|             | 34   |                |          |          |          |          |              |          |          |                | 11.00 |
|             | 34<br>35   |                |          | L_       |          |          |              |          |          |                | #-,   |
|             | 36   | L              |          | Ĺ        |          |          |              |          |          |                | 7.5   |
|             | 37<br>38   |                |          |          | L        |          |              | <u> </u> |          |                |       |
|             | 38   | <u> </u>       |          |          |          |          |              | <u> </u> |          |                | 10    |
|             | 39   | L              | L.       |          | _        |          |              | _        |          |                |       |
|             | 40   | <u> </u>       |          | _        | _        | ┖        | _            | _        |          |                | 1-,   |
|             | 41   |                |          |          | _        | _        | _            | L.       | L_       | _              | 17    |
|             | 42   | <u> </u>       | <u> </u> | <u> </u> | L_       | <u> </u> | L            | L        | L        |                |       |
| <u> </u>    | 43   | <u> </u>       | <u> </u> | _        | _        | _        | <u> </u>     | _        |          | _              |       |
|             | 44   | ├-             | <u> </u>     | <u> </u> | <u> </u> | <u> </u>       | -     |
|             | 45   | <del> </del> _ | <u> </u> | <u> </u> | _        | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | _              | ,     |
| ļ           | 46   | ┞              | <u> </u>     | ├        | ⊢        | ऻ_             |       |
| <u> </u>    | 47   | <u> </u>       | <u> </u> | <u> </u> |          | _        | <u> </u>     | <u> </u> | ⊢        | _              |       |
| <u> </u>    | 48   | ┞-             | <u> </u> | <u> </u> | <b>—</b> | $\vdash$ | <del> </del> | <u> </u> | $\vdash$ | <u> </u>       |       |
| <u> </u>    | 49   | 1              | <u> </u> |          | <u> </u> | <u> </u> | <u> </u>     | _        | <u> </u> | _              |       |
| 1           | 50   | i              | l        | l        | 1        | ı        | ŀ            | Į į      | ı        | ŀ              | ١.    |

|          | Claim  | Date     |  |          |  |  |  |  |  |  |    |
|----------|--|----------|--|----------|--|--|--|--|--|--|----|
| Final    | Original                                     |          |  |          |  |  |  |  | ·  |  |    |
|          | 51   |          | _  |          |  |  |  |  |  |  |    |
| _        | 52   | Ш        |  |          |  |  |  | _  |  |  | ٤, |
|          | 52<br>53<br>54                               | L        |  |          |  |  |  |  |  |  |    |
| L.       | 54   |          |  |          | _  |  |  |  |  |  |    |
|          | 55   |          |  |          |  |  |  |  |  |  | ŀ  |
|          | 55<br>56                                     |          |  |          |  |  |  |  |  |  |    |
|          | 57   |          |  |          |  |  |  |  |  |  | i, |
|          | 58<br>59                                     |          |  |          |  |  |  |  |  |  | ľ  |
|          | 59   |          |  |          |  |  |  |  |  |  | ŀ  |
|          | 60   |          |  |          |  |  |  |  | L  | L  |    |
|          | 61   |          |  |          |  |  |  |  |  |  | Ċ, |
| Ĺ        | 62   |          |  |          |  |  |  |  |  |  | ľ  |
|          | 63   |          |  |          |  |  |  |  |  |  |    |
|          | 62<br>63<br>64<br>65                         |          |  |          |  |  |  |  |  |  |    |
|          | 65   |          |  |          |  |  |  |  |  |  | ]: |
|          | 66   |          |  |          |  |  |  |  |  |  | ļ, |
|          | 67   |          |  |          |  |  |  |  |  |  |    |
|          | 66<br>67<br>68                               | $\top$   |  |          |  |  |  |  |  |  | ŀ  |
|          | 69   |          |  |          |  |  |  |  |  |  | ľ  |
|          | 70   | 1        |  |          |  |  |  | -  |  |  |    |
|          | 71   |          |  |          |  |  |  |  |  |  | ١  |
|          | 72   |          |  |          |  |  |  |  |  |  |    |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76 |          |  |          |  |  |  |  |  |  | ١  |
|          | 74   |          |  |          |  |  |  |  |  |  | ĺ  |
|          | 75   | 1        |  |          |  |  |  |  |  |  |    |
|          | 76   |          |  |          |  |  |  |  |  |  | ĺ  |
|          | 77   |          |  |          |  |  |  |  |  |  |    |
|          | 77<br>78<br>79                               |          |  |          |  |  |  |  |  |  | Ξ. |
|          | 79   |          |  |          |  |  |  |  |  |  | ١  |
|          | 80   |          |  |          |  |  |  |  |  |  |    |
|          | 81   | <b>—</b> |  |          |  |  |  |  |  |  |    |
|          | 82   |          |  | · ·      |  |  |  |  |  | _  |    |
| Г        | 82<br>83                                     |          |  | -        |  |  |  |  |  |  |    |
|          | 84   | T        | Т  |          | <u> </u>   |  | T  |  | T  | Г  |    |
|          | 85   |          |  |          |  | Г  |  |  | <u> </u>   | $\vdash$   |    |
| Г        | 86   | T        |  |          | <b>—</b>   |  |  |  |  | T  | [  |
| _        | 87   | T        |  |          |  |  |  | Г  | <u> </u>   |  | è  |
|          | 88   | T        |  |          |  | <del>                                     </del> | T  | t  | $\vdash$   |  |    |
| $\vdash$ | 88<br>89                                     | T        |  | <u> </u> |  | <u> </u>   | $\vdash$   | Т  | Г  | 一  | ŀ  |
| $\vdash$ | 90   | T        | $\vdash$   |          | $\vdash$   | Т  | Т  | $\vdash$   | 1  |  | ١  |
| $\vdash$ | 91   | T        |  |          | H  | t  | <del>                                     </del> | _  | $\vdash$   |  |    |
| $\vdash$ | 92   | +-       |  |          | <del>                                     </del> | <del>                                     </del> | $I^-$  | $\vdash$   | $\vdash$   |  |    |
| Н        | 93   | 1.       | $\vdash$   | $\vdash$ | T  | $\vdash$   | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |    |
| $\vdash$ | 94   | +        | $\vdash$   | $\vdash$ | <del>                                     </del> | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$   | T  | 1  |
| $\vdash$ | 95   | +-       | -  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | 1  | Ι-   | 1  | 1. |
| $\vdash$ | 96   | +        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | -  | -  | 1  |
| $\vdash$ | 97   | t        | <del>                                     </del> | <u> </u> |  |  | ┢  | $\vdash$   | Ι-   | $\vdash$   | 1  |
|          | 98   | +        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | ١, |
| -        | 99   | +        | $\vdash$   |          | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$   | +-   |    |
|          | 100  | -        |  | ٠        | ⊢  | -  | -  | ⊢  | $\vdash$   | -  | 4  |

| ] [      | Cla   | aim  | Date     |              |                    |  |          |  |          |                                     |               |
|----------|-------|--|----------|--------------|--------------------|--|----------|--|----------|-------------------------------------|---------------|
| 1        |       |  |          |              |                    |  |          |  |          |                                     |               |
|          | ल     | Original   |          |              |                    |  |          |  |          |                                     |               |
|          | Final | rig  |          |              |                    |  |          |  |          |                                     |               |
|          |       | 0  |          |              |                    |  |          |  |          |                                     | l             |
|          |       | 101  | _        | -            |                    |  |          | _  |          | _                                   | -             |
| 1. 1     | -     | 102  |          |              |                    |  |          |  |          | -                                   | -             |
|          |       | 101<br>102<br>103                                    | -        | _            | -                  | _  | -        |  |          | $\vdash$                            | $\dashv$      |
| e.       |       | 103  | $\vdash$ | -            | $\vdash$           | _  | _        |  | _        | _                                   | -             |
|          |       | 104<br>105<br>106                                    | -        |              | $\vdash$           |  | $\vdash$ | _  |          | $\vdash$                            | -             |
|          | -     | 105  |          |              | -                  |  |          |  |          | -                                   |               |
|          |       | 100  |          | H            |                    | _  |          | $\vdash$   |          |                                     | -             |
|          |       | 107<br>108   | <u> </u> | -            | _                  |  |          | -  | _        |                                     |               |
| ł        |       | 100  | -        | H            |                    | _  | $\vdash$ |  |          |                                     | H             |
| -        |       | 109  | _        | -            |                    | _  | _        | _  | _        |                                     |               |
| 4.       |       | 110<br>111   |          | <del> </del> | _                  | _  |          |  |          |                                     |               |
| -        |       | 117  | -        | $\vdash$     | $\vdash$           | <u> </u>   | <u> </u> | H  |          | H                                   | $\vdash$      |
|          |       | 112  | ļ        | <u> </u>     | $\vdash$           | -  | <u> </u> | <u> </u>   |          | H                                   | $\vdash$      |
| 1        |       | 113  | <u> </u> | $\vdash$     | $\vdash$           | _  | <u> </u> | <u> </u>   |          | $\vdash$                            | Ш             |
| -        |       | 114<br>115   | <u> </u> |              | $\vdash$           | <u> </u>   | <u> </u> | <u> </u>   |          | <u> </u>                            | Щ             |
|          |       | 115  | <u> </u> | ├            | <del> </del>       |  | <u> </u> | <u> </u>   |          | <u> </u>                            | Ш             |
| -        |       | 116  | <u> </u> | <u> </u>     | <u> </u>           | <u> </u>   | $\vdash$ | $\vdash$   | -        | <u> </u>                            | Щ             |
| 5        |       | 117  | <u> </u> | <u> </u>     | <u> </u>           | L  | <u> </u> | <u> </u>   | <u> </u> | <u> </u>                            | $\sqsubseteq$ |
|          |       | 118<br>119   | _        | _            | <u> </u>           | _  | <u> </u> | <u> </u>   | _        | <u> </u>                            | $\square$     |
|          |       | 119  |          |              |                    | <u> </u>   | <u> </u> | <u> </u>   |          | _                                   | Щ             |
|          |       | 120  |          | <u> </u>     |                    | <u> </u>   | L.       |  |          |                                     | Ц             |
| ]        |       | 121  |          | <u> </u>     |                    | L  |          |  |          |                                     | Ш             |
| <u> </u> |       | 122  |          | L            |                    |  | L        |  |          |                                     | Ш             |
|          |       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128 |          |              |                    | <u> </u>   | <u> </u> |  | _        | _                                   | Щ             |
| Ţ        |       | 124  | <u>L</u> |              |                    |  |          | <u> </u>   |          | L.                                  | Ш             |
|          |       | 125  |          | L            | _                  | _  | <u> </u> | <u> </u>   |          |                                     | Щ             |
| ]        |       | 126  |          | _            |                    | <u> </u>   | L_       | L  |          |                                     | Ш             |
|          |       | 127  |          |              |                    | <u>L</u> .   | L        | _  |          |                                     | Ш             |
|          |       | 128  |          | _            | L                  |  | L        | 匚  | L        | _                                   | Ш             |
|          |       | 129  |          | _            | L                  |  | _        | ᆫ  |          | _                                   | Щ             |
| ] - [    |       | 130  |          |              |                    |  |          | _  |          |                                     | Ш             |
|          |       | 129<br>130<br>131<br>132<br>133<br>134<br>135        | <u> </u> |              | _                  | L  | <u> </u> | <u> </u>   |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш             |
| ]        |       | 132  | _        | L            | <u></u>            | $ldsymbol{ld}}}}}}$ |          | <u> </u>   |          | L_                                  | Ш             |
|          |       | 133  | L        |              | $oxed{oxed}$       |  | oxdot    | $ldsymbol{ld}}}}}}$ |          | <u></u>                             | Ш             |
|          |       | 134  | _        |              | L                  | _  |          | _  | <u> </u> |                                     | Ш             |
|          |       | 135  | _        |              | $\Box$             | <u> </u>   | _        |  | _        | L_                                  | Ш             |
| ]:       |       | 136  | L        |              | L                  | <u> </u>   |          | <u></u>  | _        | _                                   | Ш             |
| 5        |       | 137  | <u> </u> | <u> </u>     | L_                 | <u> </u>   |          |  | _        |                                     | Ш             |
| ],       |       | 137<br>138<br>139                                    |          |              |                    |  | _        |  |          | _                                   | $\square$     |
|          |       | 139  | <u> </u> |              |                    |  |          |  |          | <u> </u>                            | Ш             |
| ]        |       | 140  |          | oxdot        | $oxedsymbol{oxed}$ | L  |          |  | <u> </u> |                                     | Ш             |
|          |       | 141  |          | L            | L                  |  |          |  |          |                                     | Ш             |
|          |       | 142  |          |              |                    |  |          | _  | <u> </u> |                                     | $oxed{oxed}$  |
| 10       |       | 143  | 匚        | oxdot        |                    | L  | $\Box$   | $\Box$   | $\Box$   |                                     | $\Box$        |
|          |       | 144  | Ĺ        |              |                    |  |          |  |          |                                     |               |
| ]:       |       | 145  |          | L            |                    |  | L        | L  | L        | L                                   |               |
| ]        |       | 146  |          |              |                    |  |          |  |          |                                     |               |
| ]        |       | 147  |          |              |                    |  |          |  |          |                                     |               |
| ]:       |       | 148  | Γ        |              |                    | Γ  |          |  |          |                                     |               |
| 1        |       | 149  |          |              |                    |  |          |  |          |                                     |               |
| 1        |       | 150  |          | Г            | Π                  | Г  |          |  |          |                                     |               |
| _        |       |  | _        |              |                    |  |          |  | _        |                                     | —             |